

①. Lawrence
#237
8.26.98

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: TANAKA et al

Serial No.: 08/838,910

Filed: March 23, 1998

Title: OXYGEN CONCENTRATION DETECTOR



Examiner: T. Tung

Art Unit: 1744

98 AUG 18 RECEIVED
GROUP 100
August 13, 1998
10:27

AMENDMENT

Honorable Commissioner of
Patents & Trademarks
Washington, D. C. 20231

Sir:

Responsive to the Official Action dated April 15, 1998, kindly enter the following amendment and remarks.

IN THE CLAIMS

Kindly amend the claims as follows:

12. (Twice Amended) An oxygen concentration detector comprising:
a sensor element including a solid electrolyte and external and internal
electrodes provided on external and internal surfaces thereof, respectively;
a heater provided adjacent to said internal surface of said sensor element;
wherein said internal electrode consists of a material having [a porosity being
equal to or more than 0.5] an emissivity of 0.3 or more, and said external electrode consists of
a material having an emissivity lower than the emissivity of said internal electrode; and

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Inventor(s): TANAKA et al.
Appln. No.: 08 838,910
Series Code ↑ Serial No. ↑

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Title: OXYGEN CONCENTRATION DETECTOR

Asst. Commissioner of Patents
Washington, D.C. 20231

Sir:

REPLY/AMENDMENT/LETTER

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEES REQUIREMENTS FOR CLAIMS AS AMENDED

1. "Small Entity" statement(s) filed <input type="checkbox"/> previously <input type="checkbox"/> herewith (No.)		Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code	
2. Total Effective Claims		21	**minus	21	0	x \$22/\$11 =	+ 0	103/203
3: Independent Claims		5	***minus	5	0	x \$82/\$41 =	+ 0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for <u>first</u> time (leave blank if this is a reissue application).....add						+ \$270/\$135 =	+ 0	104/204
5. Original due Date: July 15, 1998		<input type="checkbox"/> NONE						
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached		(1 mo)	\$110/\$55 =	+ 110				115/215
		(2 mos)	\$400/\$200 =					116/216
		(3 mos)	\$950/\$475 =					117/217
7. Enter any previous extension fee paid since above original due date and subtract						-		
8. Extension Fee Attached						+ 110		
9. If Terminal Disclaimer attached, add Rule 20(d) official fee						+ \$110/\$55 =	+ 0	148/248
10. If IDS attached requires Official Fee,add or if Rule 97(d) Petitionadd						+ \$240 = + \$130 =	+ 0	126 122
11. After-Final Request Fee per rules 129(a) and 17(r)						+ \$790/395 =	+ 0	146/246
12. No. of additional inventions for examination per Rule 129(b)						x \$790/395 ea =	+ 0	149/249
13. Petition fee for						+		
14. TOTAL FEE ENCLOSED =						\$110		

15. *If the entry in this space is less than entry in next space, the "Present Extra" result is "O".

16. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

17. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown in the heading hereof, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

**Pillsbury Madison & Sutro LLP
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NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments

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